

REMARKS

This Amendment is submitted in response to the December 20, 2004 Office Action issued in connection with the above-identified patent application. By this Amendment, claims 10 and 20-27 have been canceled and claims 1, 11, 13 and 19 have been amended. No new matter has been added. Upon entry of this Amendment, the pending claims will be amended independent claim 1 with claims 2-9, 11-12 and 17-19 depending therefrom, independent amended claim 13 with claims 14-16 depending therefrom, and independent claim 28, with claims 29-36 depending therefrom.

In the Office Action, the Examiner has rejected claims 1-9 and 19-27 as allegedly anticipated by U.S. Patent No. 5,629,587 (Gray et al.). The Examiner, however, has indicated that claims 28-36 are allowable and that claims 10-18 would be allowable if rewritten to include all of the limitations of the base claim and any intervening claims. In response, applicant has amended claim 1 to include the features of now-canceled claim 10 therein except that the phrase "in response to an amount of" has been changed to "in response to detection of". Accordingly, so-amended claim 1 is believed to be allowable. For at least those reasons, claims 2-9, 11-12, and 17-19 are also believed to be allowable. Claim 11 was amended to change its dependency from "10" to "1". Likewise, claim 19 has been amended to change its dependency from "21" to "2". Claim 13 has been amended to include the features of claim 1 therein and is, thus, believed to be allowable. Moreover, claims 14-16 which depend from claim 13 are also believed to be allowable. Lastly, claims 28-36 remain unchanged, as they have been indicated to be allowable in the Office Action.

In view of the foregoing, it is believed that all pending claims are now in condition for immediate allowance.

Respectfully submitted,

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